Stand 02/05

ANSCHÜTZ Bedienungsanleitung

ANSCHÜTZ Instruction Leaflet

Compressed Air 9003 Premium

ANSCHÜTZ®
DIE MEISTER MACHER

Index

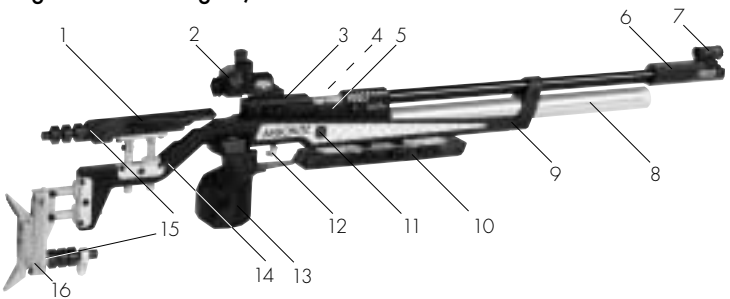
Definitions ..... p. 03
Preface ..... p. 18
Safety instructions ..... p. 18
General handling of rifles
and firearms ..... p. 19
Ear and eye protection ..... p. 20
Laws ..... p. 20
Product related safety instructions ..... p. 20
Liability ..... p. 21
Technical data ..... p. 21
Soft-Link® ..... p. 22
Cocking, loading and safety operation ..... p. 22
Unloading ..... p. 23
Ammunition tests ..... p. 23
Trigger ..... p. 25
Dry firing device ..... p. 26
Compressed air cylinder ..... p. 26
Stock adjustment ..... p. 28
Sight set ..... p. 29
Cleaning, maintenance, care, lubrication .. p. 29
Accessories ..... p. 30
Special accessories ..... p. 30
Warranty ..... p. 30
Copyright ..... p. 31
Drawings / Spare parts ..... p. 32
Appendix ..... p. 52
Warranty card ..... p. 55

⚠ Attention

Please read carefully before you assemble or operate this rifle!

Do you already know the **ANSCHÜTZ Newsletter?** Simply subscribe to it under **www.anschuetz-sport.com**

Begriffsbestimmungen / Definition



1	Schaftbacke	1	Cheek piece
2	Diopter	2	Rear sight
3	Stabilisator	3	Stabilizer (Stabilisator)
4	Sicherung	4	Safety
5	Spannhebel	5	Cocking lever
6	Laufgewicht	6	Barrel weight
7	Korntunnel	7	Front sight
8	Pressluftkartusche	8	Compressed air cylinder
9	Soft-Link® Loslager	9	Soft-Link® flexible bearing
10	Schaft	10	Stock
11	Soft-Link® Festlager	11	Soft-Link® fix bearing
12	Abzug	12	Trigger
13	Pistolengriff	13	Pistol grip
14	Alu-Systemträger	14	Barreled action carrier
15	Gewinde für Gewichtsträger	15	Thread for weight carrier
16	Schaftkappe	16	Butt plate

Preface

Dear Friends of ANSCHÜTZ,

You have made a good choice, now that you have decided to buy an ANSCHÜTZ product. The many great results obtained with ANSCHÜTZ rifles by shooters, participants in the Olympic Games as well as in World and European championships throughout the world made your choice easy, as your rifle has benefited from our great experience of making fine sporting and target rifles since 1856. World-wide, ANSCHÜTZ rifles are respected because of their fine accuracy, impeccable design and immaculate workmanship. Should you still be unaware, they include:

The famous ANSCHÜTZ small bore target rifles, target air rifles and target air pistols, small bore biathlon rifles, hunting rifles and shotguns in diverse calibers, small bore single loaders and repeaters, Flobert rifles, silhouette pistols, silhouette rifles and Varmint rifles.

We wish you a lot of fun and success with your new ANSCHÜTZ product.

Yours ANSCHÜTZ Team

Safety instructions

⚠ Attention

Please read carefully the following articles before using this rifle. It is extremely important that you become thoroughly familiar with this rifle and its operating characteristics by carefully reading and understanding the instructions in this booklet before you attempt any use of it with ammunition. Always remember the sequence of disassembly. Should you still have problems with the safe usage and correct handling of your rifle or should you have additional questions, please do not hesitate to contact a competent gunsmith or dealer or our factory directly. This instruction leaflet is extraordinarily important. Make sure that it is always with the rifle especially when it is sold, lent or otherwise given to a third person.

Only use as follows

ANSCHÜTZ manufactures precision products which, depending on the model type, are exclusively meant for civilian target shooting and hunting.
Combat and defense shooting and competitions in which the shooter moves while

shooting, must not be shot with ANSCHÜTZ rifles and pistols. It is especially not allowed to aim and shoot at people. The rifle, pistol or the stock must not be used to beat somebody. Please also see the chapter „The Ten Commandments of Firearms Safety" as well as the chapter „General Handling of Rifles and Firearms".

Additional copies of this booklet can be ordered.

This ANSCHÜTZ firearm has been carefully test fired and inspected before shipment from the factory. The mechanism of this firearm has been properly designed, tested and fitted with the utmost attention to safety. However, any mechanical device can fail and no such device can prevent accidents caused by carelessness or thoughtless handling. ANSCHÜTZ cannot control the handling of each firearm once they have left the factory. Please take the time to inspect the firearm carefully before use.

DO NOT USE ANY FIREARM WITHOUT A COMPLETE KNOWLEDGE AND UNDERSTANDING OF IT'S SAFE USE AND PROPER HANDLING CHARACTERISTICS.

Warning:

This rifle can be dangerous if it is not used correctly or if this instruction leaflet is not observed. The privilege of ownership and safe use of your rifle carries a personal responsibility that no one should take lightly. Rifle accidents would not occur if the following rules of shooting safety were observed.

The Ten Commandments of Firearms Safety

- Learn the mechanical and handling characteristics of the firearm you are using.
- Always keep the muzzle pointed in a safe direction.
- Firearms should be unloaded when not in use.
- Be sure the barrel is clear of obstructions before using.
- Be sure of your target before you shoot.
- Wear shooting glasses and ear protection when you shoot.
- Never climb a tree or fence with a loaded firearm.
- Don't shoot at a hard surface or at water.
- Never transport a loaded firearm.
- Avoid alcoholic beverages or drugs and don't smoke when shooting or handling a gun or a pistol.

Please note

There is no substitute for personal responsibility and common sense in the handling, use and storage of firearms. Securely store your unloaded guns away from access by children or unauthorized adults.

General handling of rifles and firearms

Although it can be assumed that shooters are familiar with the following rules we would like to emphasize them once again for reasons of safety. All firearms are hazardous objects. Extraordinary care has to be dedicated to their use and storage.

1. Treat every rifle as though it was loaded. Do not take anyone's word or automatically assume it is not loaded. Check your rifle personally each time you handle it. The safe and courteous way to carry a rifle when you are with others is to leave the bolt open so that they can easily see that the rifle cannot be fired. Make sure that the rifle is not loaded when you stop shooting. Make sure your rifle is unloaded before every transport. Never pick up your rifle with your finger on the trigger or the trigger guard.

2. Whenever you pick up your rifle, point the muzzle at the ground. Always point the muzzle of the barrel in a safe direction. Never pull a rifle towards you by the muzzle.

3. Only use your rifle in approved shooting ranges. Shoot your rifle only under good visibility and daylight conditions. If you use your rifle in an indoors range, make sure it is adequately ventilated. Make sure that there is a safe bullet trap which can be seen from all sides and that there is no one in the vicinity of your target. Be absolutely sure of a safe backstop and target. Never fire at a hard, smooth surface or water. Never shoot at a skyline target or into the air. Do not shoot at anything from which a bullet might ricochet. Never fire your rifle with the muzzle in the water or against any other material to avoid an accident or damage of your rifle.

4. Be sure that you use the correct ammunition. The correct caliber can be seen on your rifle. Load your rifle only when you are at the range and ready to shoot. Use only genuine ANSCHÜTZ magazines. Do not exceed the stated magazine capacity. Alterations to the rifle or the use of non-ANSCHÜTZ magazines and accessories may cause malfunctions.

5. Always keep your rifle clean. Be sure the bore is not obstructed by dirt, water, grease or any other foreign materials. Never try to shoot out any obstruction. If a shot has not been released when the trigger has been pulled, direct the barrel in a safe direction, activate the safety, open the action and carefully remove the bullet.

6. Serious injury and damage can result from the use of the wrong ammunition,
bore obstructions, or incorrect cartridge components.

7. Place the safety fully into „S" or „F" position - never inbetween. Always keep safety in full „safe" position until ready to fire. Do not put your finger on the trigger when operating the safety or whenever you are not ready to shoot.

8. When not in use your rifle should be stored in a locked and secure place accessible only to you. Check first to make sure it is unloaded. Store the rifle with uncocked trigger. Store ammunition in a separate and secure place. It is your special responsibility to make sure that at all times and especially when you are not present your rifle is well secured, out of any reach of children and other unauthorized persons and in no way accessible to them. For the safe storage of your rifle even in a locked cabinet or safe the use of an additional trigger lock is recommended. Even if you use such a device, your rifle always must be unloaded when not being used.
Only give your rifle to authorized persons. Never let your rifle be used by anyone who is not familiar with the safe handling of a rifle and these instructions. This rifle must only be used by a responsible adult or under his or her supervision.

9. Watch for any change in the operation of your rifle which might impair its safety.The safety is only guaranteed as long as the firearm is in faultless condition. If you suspect or note a defect or malfunction, stop using it immediately, unload the rifle, make sure that it is not under pressure and send it to a competent gunsmith, the factory or its recommended repair station for inspection. Note: Apart from normal cleaning the rifle must only be disassembled by an authorized gunsmith.Please note that your firearm must also be checked by an authorized gunsmith when it has been impaired by external conditions such as corrosion etc. or when it dropped. When you assemble or disassemble your firearm, never try to do it by force. Unqualified handling, modifications of the mechanism or disassembly can cause injuries or irreparable damage of the rifle.

10. Your rifle should always be handled with extreme care. Make sure that it is never dropped or placed in such a way that it can fall. For transport purposes your rifle should be dry and clean. We recommend an approved protective gun case.

11. You must be in good physical condition and mental health and not under the influence of any substance (drugs, alcohol) which might impair vision, dexterity or judgement. Do not use your rifle when you are tired. Tiredness may result in a loss of control.

12. Clean your hands carefully after shooting and cleaning your ANSCHÜTZ product. Residues of bullets, powder or oil might impair the health of your skin.

13. Your ANSCHÜTZ rifle has been carefully built and inspected by skilled technicians to provide maximum efficiency. The service life depends on the owner's care and on cleaning following this instruction leaflet.

Ear and eye protection

You should always use approved hearing protection and approved shatterproof eye protection while shooting. Please remember persons near you to also wear hearing protection and approved shatterproof eye protection.

Laws

Please observe the corresponding regulations and laws for the use of firearms in your country. Please also observe the corresponding safety rules of sports shooting.

Product related safety instructions

Important note for the handling of compressed air cylinders

1. Only check the manometer level of the compressed air cylinder when the rifle is unloaded and uncocked. Never check it while filling the compressed air cylinder. Due to its design the manometer works with an accuracy of +/- 10 %. Temperature variations

can also impair the accuracy of the manometer.

2. Filled compressed air cylinders must not be exposed to temperatures of more than 50° Celsius/120° Fahrenheit. Therefore make sure during transport or storage that the rifle is protected against heat, for example by storing it in the Styrofoam packing or by using a gun case. In planes, for mail despatch, etc. compressed air cylinders are only transported when they are not filled.

3. To empty the compressed air cylinder we recommend to use our air release screw (Order-No. 711.3408). After approximately 20 refills of the compressed air cylinder it should be emptied completely to get rid off possible condensed water.

4. Compressed air cylinders which are leaky, defective or older than 10 years must be emptied and must not be used and filled anymore. After 10 years from the date of manufacture the compressed air cylinder must be checked by the manufacturer for a fee. The date of manufacture can be seen from the compressed air cylinder.

5. Compressed air cylinders and refill bottles must be stored in a dry, dust and grease/oil free place. The refill adapter is additionally equipped with an air filter against pollution and dust particles.

6. Protect valves and threads with the corresponding caps when you have removed the compressed air cylinder. **Never grease or oil the valves or threads of the compressed air cylinder. Danger of explosion!**

7. Compressed air cylinders must not be filled with more than 200 bar (2,790 psi) at room temperature. This maximum filling quantity must not be exceeded at no circumstances. Only use compressed air free of oil or water (DIN EN 12021 - inhaled air). According to legal regulations we only deliver unfilled compressed air cylinders.

8. Never try to open a compressed air cylinder yourself or to carry out mechanic modifications. Protect your compressed air cylinder against external force.

9. Apart from the notes above the technical rules of your country with regard to the filling of compressed air cylinders must be observed. The compressed air cylinders are not suitable for the transport of gases of any kind.

Liability

1. ANSCHÜTZ does not assume any responsibility, guarantee or payment of damage claims for damages of any kind resulting from the disregard of these instructions, non-qualified treatment or repair, modification of parts, the use of non-original ANSCHÜTZ spare parts, incorrect handling or care, negligence, removal of the knot varnish or unauthorized modifications.

2. The wood of the stock or grip as well as the PRO grip equipment have been very carefully checked by factory inspectors prior to shipment and has been determined to be free of defects. Certain kinds of abuse, such as a dropping or falling down can cause damage to the wood or the PRO grip equipment, for which the owner is solely responsible. We also assume no responsibility for defects resulting from inappropriate transportation (mail, plane, etc.). Please immediately contact your forwarder without delay in such a case and make your claims in written form.

3. Changes, alterations or manipulations to this product or any of its parts are prohibited and might infringe firearms regulations. Such changes or alterations can significantly impair the safe use of our product and can lead to accidents involving severe or even fatal bodily injuries. Any product warranty will automatically lapse in case changes or alterations are implemented. Users are requested to carefully inspect the product with regard to possible changes and alterations before use. In case of doubt you should contact us for further information.

Target Air Rifle 9003 Premium Compressed Air

Technical data:

Caliber:	4.5 mm / .177
Barrel length:	64 cm/25.2"
Rifling:	42 cm/16.5"
Total length:	108 cm/42.5"
Sighting line:	77 cm/30.3"
Weight approx.:	4.5 kg/9,9 lbs
Version:	Single loader
Propellant:	Compressed air

The technology of the 9003 Premium
7 patents and patent pending

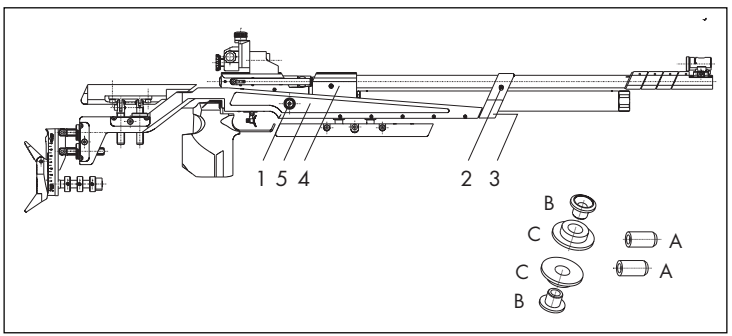
- Tension and vibration free connection (no direct connection) of barreled action and carrier through Soft-Link® shockabsorbers. Patent pending.
- Absolutely maintenance-free stabilizer. Patented.
- Ultra short locktime due to new firing pin (patent pending), optimized with regard to mass and inertia and completely new mechanic trigger.
- New and innovative safety concept for the loading process. The rifle is cocked just an instant before shooting. Patent pending.
- Dry firing device with active safety.
- Adjustable forend stock (height, length, tiltable). Patent pending.
- Complete PRO grip equipment (Synthetic, anti-allergic technical plastic material. Can be shaped like wood).
- Patented butt plate and cheek piece adjustment.
- Patented air filter against pollution.
- Various decorations for barreled action carrier.

Soft-Link®

The barreled action and the barreled action carrier are connected via the unique and patent pending **Soft-Link® connecting system**. This new fixing system consists of a vibration damping fix bearing (in the area of the housing of the barreled action) and a vibration damping flexible bearing (in the area of the support block). Tensions which occur due to the different materials of barreled action and barreled action carrier and their various temperature longitudinal expansion coefficients are eliminated this way (tension compensating heat expansion joint).

In addition the integrated Soft-Link® shock absorber pads are responsible for a tension free connection of the barreled action and the barreled action carrier. Vibrations occuring in the barreled action during shot release are thus effectively absorbed and no longer perceptible by the shooter.

The air rifle is equipped with a hard Soft-Link® shock absorber pad. An additional soft Soft-Link® shock absorber pad is added as an accessory as well. To change the shock absorber pads procede as follows:



- Unscrew both screws at No. 1.
- Loosen threaded pins on both sides (approx. 4 turns) at No. 2.
- Pull the support block No. 3 off the barreled action carrier in the direction of the muzzle.
- Remove barreled action No. 4 from the barreled action carrier (5).
- Fixing at aluminum barreled action carrier: Insert/change round (C) Soft-Link® elements (hard or soft) on both sides.
- Fixing at the support block Insert/change long (A) Soft-Link® elements (hard or soft) on both sides (2 pieces).
- Assemble again in reversed sequence.

Note

When inserting the soft Soft-Link® elements the sleeves (B) must be installed at pos. 1 in the Soft-Link® bearings before assembly. Subsequently mount the screws at pos. 1 on both sides and tighten them.

Before first use

- Wipe away excess surface oil.
- Pull a cleaning patch through the barrel starting from the chamber towards the muzzle.

Check the tight fit of the screws before every shooting.

Cocking, loading and safety operation

- To cock the piston pull the cocking lever slowly backwards to the stop. The action opens and the barrel chamber becomes visible.
- To load push the lead diabolo pellet with its flat head flush with the front of the loading platform.
- To lock the breech press the lever slowly forward until you feel and hear that it locked into position. The action is now closed.
- The rifle now is ready for shooting (loaded and cocked). The compressed air cylinder must be filled.

The lateral safety lever can be operated when the rifle is cocked.

The rifle is

- safe, when the "S" (safe) is pressed in.
- ready for shooting when the "F" (fire) is pressed in.

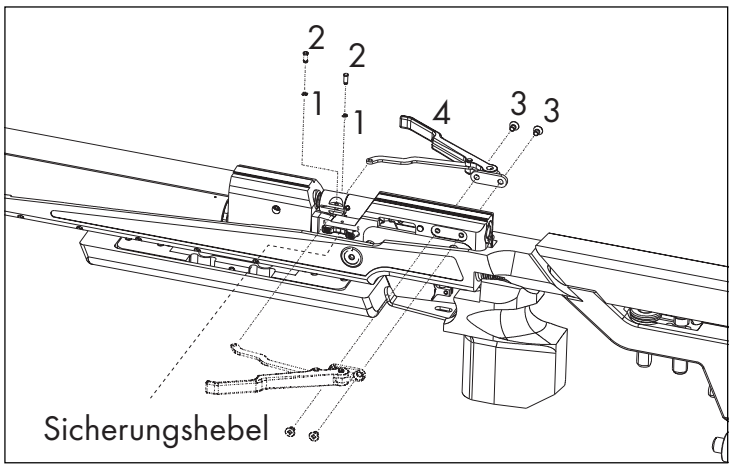
Please note

The safety lever must latch properly the "F" or "S" position and must never be situated between the two.

Do not store the rifle when it is cocked. Remove the compressed air cylinder before storing your rifle (also see chapter "Compressed Air Cylinder/Handling"!). Only use diabolo pellets in the caliber of your air rifle, no bolts or other foreign materials.

To change the cocking lever from the right to the left side:

- Pull the safety disc (1) off the bolt.
- Remove the bolt (2).
- Loosen the screws (3).
- Remove the complete cocking lever unit (4) and install it on the opposite side in reversed sequence.



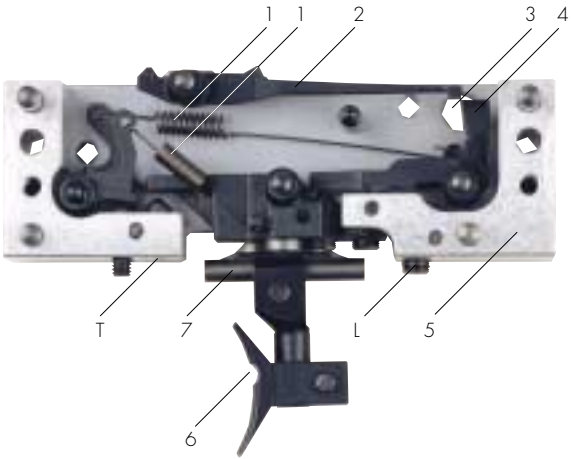
The change of the cocking lever from the left to the right side is carried out in the same way.

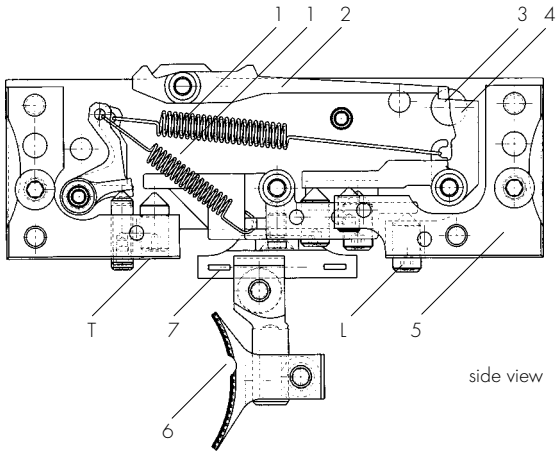
Unloading

It is only possible to remove a pellet from the action by firing it off which should only be done by firing it into a bullet trap. Observe the safety regulations with regard to the safe handling of rifles.

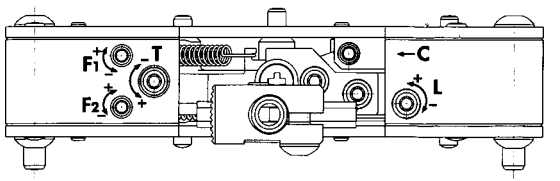
Ammunition tests

To carry out ammunition tests, please clamp the barreled action without stock into a vice.





side view



view from below

1 Tension spring
2 Sear
3 View window
4 Release latch
5 Trigger housing
6 Trigger blade
7 Trigger support

F1 First stage weight
F2 Trigger weight
T Trigger stop
L First stage
B Company adjusted / sealed
C Company adjusted / sealed

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Trigger

Warning!

Your ANSCHÜTZ target rifle offers you a versatility of individual adjusting properties. Please make sure that your rifle always is unloaded when carrying out adjustments. The trigger was attached to the sports device and adjusted in this condition to guarantee utmost safety. The trigger adjusted by the factory guarantees utmost safety. Please observe the general safety use when using your rifle.

Trigger adjustments

The trigger model 5065 is delivered with the following adjustments: two stage trigger with trigger weight adjusted to approx. 100 g.

Note!

Screws B and C have been adjusted in the factory and are sealed. These screws must not be adjusted or modified.

1. Trigger weight

Adjust the trigger weight with set screw F2, adjustable from 30 g to 170 g:

- if you turn it to the right (clockwise): trigger weight is increased (+)
- if you turn it to the left (counter-clockwise): trigger weight is decreased (-)

2. First stage weight (only for two stage triggers)

Adjust first stage weight with set screw F1:

- if you turn it to the right (clockwise): first stage weight is increased (+)
- if you turn it to the left (counter-clockwise): first stage weight is decreased (-)

Trigger weight and first stage weight depend on each other with regard to the mechanic mechanism. If one of them is changed there will always be a corresponding change of the other as well.

3. Sear engagement

The sear engagement is the distance between the second stage and the release of the trigger. The sear engagement has been adjusted to an optimum by the factory.

Important note!

To protect your precise trigger and to guarantee perfect operation you should always close the cocking lever carefully. If the trigger weight is too low or if the first stage is too short, the trigger might release inadvertently by a sudden impact or too powerful closing of the cocking lever if the rifle is loaded and not in the "safe" position.

4. First stage (only for two stage triggers)

The single stage is the distance between the trigger blade from zero position to the second stage.

Adjust first stage with set screw L:

- if you turn it to the right (clockwise) first stage is shortened (-)
- if you turn it to the left (counter-clockwise): first stage is extended (+)

5. Trigger-Stop

The trigger stop is the distance from the second stage to the stop of the trigger blade.

Adjust trigger stop with set screw T:

- if you turn it to the right (clockwise): overtravel is shortened (-)
- if you turn it to the left (counter-clockwise): overtravel is extended (+)

⚠ Attention!

The trigger stop set screw T can be turned over the second stage or first stage function. Malfunction (the trigger does not release)!

6. Adjustment of the trigger blade

Loosen clamping screws as desired. The trigger blade can be moved in the longitudinal guide, can be tilted laterally and can be adjusted in height. The trigger blade can also be pulled out completely and turned by 180°. The longer part of the trigger blade now is directed downwards. The trigger blade holder is asymmetric and can be mounted in opposite direction (180°). The lateral trigger blade adjustment can be varied this way.

7. Change of two stage trigger into single stage trigger

Adjustment via set screw L. Turn set screw L to the right (clockwise) until there is no first stage anymore.

Warning

Single stage triggers are very sensitive and must be operated with special care. In case of a minimum trigger weight there might be a malfunction and an **increased risk (inadvertent shot release)**. If the sear engagement is adjusted is too tight and adjusted with a too low first stage pull or if the first stage is too short in the case of single stage triggers the trigger might be released inadvertently if the cocking lever is closed or if the sports device is put down with too much force. This might lead to an inadvertent shot release in loaded and unsaved condition of the firearm.

8. Change of single stage trigger into two stage trigger

Adjustment via set screw L. Turn set screw L to the left (counter-clockwise) until the desired first stage is reached.

9. Malfunction of the trigger due to wrong adjustment procedure

If the trigger is not adjusted correctly, malfunctions may occur. Tampering with the trigger adjustments will not result in any success. Therefore proceed as follows:
After every change the function of the trigger must be checked. When the malfunction is removed check the desired trigger values and adjust them again if necessary.

The trigger catches the cocking piston or firing pin, but the trigger does not release when it is actuated:

- Make sure that the safety of the trigger is released.
- The trigger stop set screw T is screwed in too much. Turn it a few turns to the left (counter-clockwise) until the cocking piston or firing pin will release again when the trigger is actuated.

The trigger does not catch the cocking piston or firing pin:

- The set screw L (first stage) is screwed in too much. Turn it a few turns to the left (counter-clockwise) until the trigger catches the cocking piston or firing pin again.
- Check to see if the spring (1) is correctly attached and not defective.

After every change the function of the trigger must be checked. When the malfunction is removed check the desired trigger values and adjust them again if necessary.

Basic adjustment of the trigger

With this procedure all adjustments at the trigger are zeroed. From this zero position it is possible to adjust the trigger to your indiviudal requirements. To zero the trigger proceed as follows:

- Remove the barreled action from the stock.
- Adjust set screw T in a way that the screw head lies flush with the external surface of the trigger housing (5).
- Adjust set screw L in a way that the trigger support (7) is horizontal.
- Cock the barreled action.
- Adjust the trigger via the referring screws to your individual requirements.

10. Maintenance

Please see chapter „Cleaning, maintenance, care, lubrication".

Dry firing device

The safety lever can also be used as dry firing device.

- Open the cocking lever and pull it slowly backwards to the stop.
- Press in safety lever at the "S" potition. The dry firing device can now be used.
- Close the cocking lever.
- Release the trigger.

Note

The safety/dry firing device can only be activated, when the air rifle is cocked.

Compressed Air Cylinder

Handling

The rifle is equipped with an interchangeable compressed air cylinder. The compressed air cylinder can be changed whether it is filled or not. The compressed air cylinder is not screwed in all the way when it comes from the factory. To protect the thread of the compressed air cylinder against dust and damage please always use the cap.

Warning

Only original ANSCHÜTZ compressed air cylinders (max. 200 bar) must be used! Repair of compressed air cylinders must only be carried out by the manufacturer. Original spare parts must be used. If this is not observed we will not assume any liability or warranty.

To attach the compressed air cylinder

The compressed air cylinder must be screwed in horizontally, slowly an carefully to avoid any damage.

Attention

- Fill the compressed air cylinder before use and screw it in manually.
- You feel a resistance before you reach the stop, the valve thus opens automatically.
- Screw the compressed air cylinder in for approx. one more turn until there is an airtight connection at the stop.

To remove the compressed air cylinder

To protect the housing, valves, seals and springs we recommend you always remove the compressed air cylinder when you do not use your compressed air rifle.

- Screw the compressed air cylinder 2 turns out.
- Cock the rifle and release the trigger so that the remaining air can escape.
- Repeat this process once or twice.
- Screw out the compressed air cylinder completely by 3-4 further turns.
- Thus the compressed air cylinder can be screwed out without any pressure on the o-ring.

To change the compressed air cylinder

- Screw out the compressed air cylinder by turning it counter-clockwise either manually or with a key. Attention: Screw out the compressed air cylinder until you hear the air escape (at least four turns). Then screw in the compressed air cylinder again. Thus a damage to the seals will be avoided.

To fill the compressed air cylinder

Before you fill the compressed air cylinder, please check all components which are used in this process such as refill bottle, refill adapter and compressed air cylinder for defects (e.g. at the threads).

Warning

- Only use refill bottles with a maximum pressure of 200 bar (2,790 psi)
- Only use compressed air free of oil and water (DIN EN 12021).
- Make sure that there is no oil or grease on the connecting threads.
- Only use the original ANSCHÜTZ refill adapter(Order No. 711.3409), which is delivered with your rifle.
- To refill the compressed air cylinder we recommend the use of diving bottles.

Filling process

- Screw the adapter on the refill bottle.
- Screw the compressed air cylinder onto the adapter.
- Tighten the hexagon screw of the adapter by hand to prevent air escape.
- Open the valve of the bottle very slowly until no more flow noise is audible.
- Close the valve of the compressed air bottle after approx. 5 seconds (The compressed air cylinder will heat up slightly).
- Empty the adapter by releasing the hex screw.
- Screw the hex screw into the adapter again.
- Remove the compressed air cylinder and screw it on the rifle by hand.

With a full cylinder (max. 200 bar/2790 psi) approx. 300 shots (remaining pressure 65 bar / 943 psi) can be fired. With a Junior compressed air cylinder 175 shots can be fired. We recommend to never empty the compressed air cylinder completely. Compressed air bottles (Order No. 711.3510) are available in specialized gun shops. The refilling of compressed air cylinders is also possible in specialized gun shops or in shops for diving equipment.

Warning

Compressed air refill bottles with an allowed filling pressure of 300 bar (4,185 psi) are offered as well. These bottles have the same thread as the bottles with a filling pressure of 200 bar (2,790 psi). In case you use a bottle with a filling pressure of 300 bar (4,185 psi) it is absolutely necessary to use a pressure reducer which is adapted to 200 bar /2,790 psi). For reasons of safety it is not allowed to fill the compressed air cylinder with more than the maximum pressure of 200 bar (2,790 psi).

It is also not allowed to use such a compressed air cylinder or to store it. Please therefore strictly observe the instructions for the filling of the compressed air cylinder and the corresponding technical rules of your country.

Stock adjustment

Stock

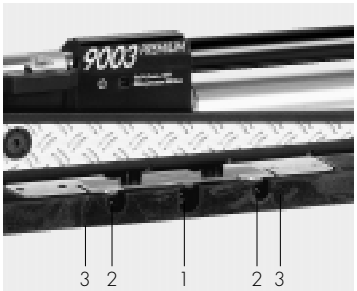
The stock can be adjusted in the following ways:

- in height via screw No. 1
- horizontally via screw No. 2
- in length via screw No. 3

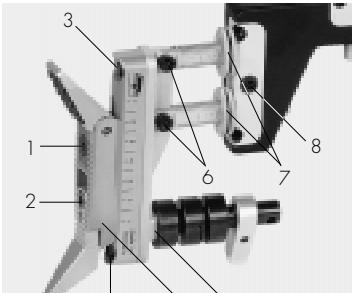
Each adjustment is carried out by seperate clamping device.

Cheek piece butt plate and adjustment

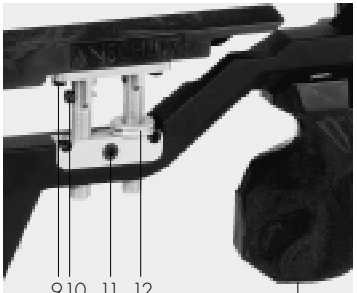
The cheek piece and butt plate adjustment offers many adjusting possibilities to adjust the air rifle to your individual requirements. To do this loosen the screw in the guide and move the carrier into the desired height and length. The nut serves as a stop to fix the position.



Stock



Butt plate



Cheek piece

Subsequently tighten the screw again. You can adapt the PRO grip parts according to your requirements. The PRO grip material can be shaped like wood. If you do not agree with the surface of the cheek piece you can smoothen it with the help of fine abrasive paper (grain 200).

Adjustment of grip

By loosening the grip screws the pistol grip can be turned and tilted in all directions and it can be adjusted in length. After the adjustment of the grip the screws must be tightened again.

1 Upper slope at shoulder
2 Height and angle adjustment of butt plate
3 Horizontal adjustment of butt plate
4 Height adjustment of hook
5 Thread for weight carrier
6 Vertical adjustment of butt plate
7 Stop nut
8 Length adjustment of butt plate

9 Horizontal adjustment cheek piece
10 Slope cheek piece
11 Height adjustment of cheek piece
12 Stop nut
13 Adjustment of pistol grip:
The grip can be turned, pushed and tilted in all directions

Sight Set

Assembly

The rear sight is pushed onto the rail of 11 mm width and fixed with the 2 screws (tighten manually).

Vertical and horizontal adjustment

The screws for vertical and horizontal adjustment have clicks. The impact point changes from click to click.

- Shots are too high:
  Turn knob into „H" direction.
- Shots are too low:
  Turn knob into „T" direction.

- Shots are too far at the right:
  Turn knob into „R" direction.
- Shots are too far at the left:
  Turn knob into „L" direction.

Zeroing

After test firing of the rifle both screws should be brought into the „0" position.

- Loosen threaded pins in the knob.
- Bring knobs into the „0" position.
- Tighten threaded pins in the knob manually.

Cleaning and care

Your ANSCHÜTZ rear sight is a highly accurate device of utmost quality and therefore needs special handling. Good care and maintenance guarantee perfect functionning. Protect your rear sight from dust and dirt. Guides and spindles must not be oiled or greased.

⚠ Attention:

Your ANSCHÜTZ rear sight has been adjusted carefully and without play with the help of special tools. It has been checked several times and therefore does not require any additional adjustments. Therefore only operate the screws for vertical and horizontal adjustments as described above. Do not turn the screws beyond their stop as this would cause a permanent damage to the screw and thread. In order not to endanger your right of warranty, please contact your dealer or our repair service in case any malfunctions might occur.

Front sight

The front sight 6832 combines the advantages of several sighting aids in only one small and light device.

Exchange of inserts:
Loosen the rear knurled screw until the slot opens. Grip the insert at the two studs and pull it backwards to remove it. When inserting another insert be aware that the different sizes of the studs fit into the corresponding gaps. For plastic apertures we reccomend the use of our clamping screw 6822-12, Order No. 700.1320.

Cleaning, Maintenance, Care, Lubrication

Even after considerable use, your ANSCHÜTZ rifle will not require much attention - a tribute to its solid design, first class materials, well proven ANSCHÜTZ workmanship and precision. All mechanic components, however, are subject to a certain kind of wear as all technically demanding products. ANSCHÜTZ therefore recommends an annual check-up to find out whether any repair or adjustment works are necessary. Regular care and maintenance, however, does not replace repair works which must be carried out immediately in the case of any defects, malfunctions or sudden safety problems.

If you follow the recommendations below, you will help maintain the excellent performance of your rifle for a long time.

Regular care after every shooting

- Please only use resin and acid free oils (no salad or cooking oils). We recommend our special grease 4425 (Order No. 710.6310)
- Clean the cone of the barrel and all steel parts with a slightly oiled, lint-free cloth to avoid corrosion which might occur as a result of humid hands or condensed water.
- To avoid corrosion you also should clean your barrel with a slightly oiled, lint-free cloth or cleaning cords pulling them through the barrel from the chamber to the muzzle. Please use no other means for cleaning especially no felt pellets and grease.
- Remove the oil film with a dry cloth or cleaning cords before you shoot again.

Careful cleaning after approx. 2,000 to 3,000 shots

- The barrel is cleaned with a brass brush form the chamber to the muzzle (in shooting direction. Never move the brush

back and forth in the barrel.
- Then pull cleaning cords in dry condition through the barres until the last one shows no considerable dirt.
- After cleaning or before shooting the next time fire 10 to 20 shots to get back to the former shooting performance (oil shots).
- Clean external parts with a slightly oiled cloth.

Maintenance of the trigger

- Lubricate the bearings slightly with cold resistant molybdenum disulphide grease (no salad or cooking oil!) once a year.
- Spot a small amount of oil into the bearing parts using a needle.
- The internal parts should not be washed with spray or oil to avoid resin or other residues in the trigger.

⚠ Attention

When cleaning the rifle no dirt, residues of solvents, grease or non-suitable oils must get into the trigger mechanism. We therefore recommend either to clean your gun in a way that it is horizontal or even with the stock up to avoid any contamination of the valve unit and trigger mechanism.

Protect your rifle against dust, sand, humidity, heat and other harmful influences. Vacuum clean your gun case or soft gun case once a month to remove dust and lint. Gun cases and soft gun cases should have a smooth and dust rejecting inner lining.
Be aware that condensed water might occur as a result of temperature variations. In such a case it has to be removed at once. Only use gun and soft cases for transport purposes. Do not store your rifle there. Do not use containers which might attract humidity to store your sports device.
Be aware of other possible changes or damage. In such a case take your rifle to an authorized gunsmith for checking or send it to our factory.

To reduce the risk of damage in transit we recommend the disassembly of the barreled action from the stock.

When you use your rifle frequently we recommend having the seals and the piston checked once a year.

Accessories

Please ask for our catalog or take a look at our websites under www.anschuetz-sport.com or www.anschutz-sporters.com. You will find the latest information there and have the possibility to subscribe to our free-of-charge newsletter.

Special accessories

Additional weights

The air rifle can be adapted to your individual requirements among others in four easy ways:

1. Barrel weights:
By pushing, adding or removing the additional weight.

2. Counter weight carriers:
They can be installed at the butt plate and cheek piece. Weight rings can be added to the counter weight carriers.

3. Weight rings:
By adding them to the columns of the cheek piece and butt plate adjustment (Order No. 711.3805).

4. Heavy steel columns:
Approx. 100 g. For cheek piece adjustment (Order No. 700.6337). For butt plate adjustment (Order No. 700.6338).

Stickers

Your rifle is delivered with a sheet of various stickers which can be attached to the barreled action carrier as desired.

Warranty

A warranty of 2 years will be issued. Parts which are subjected to wear are not part of this warranty. In the case of warranty we substitute the defective parts free of charge. Cases of warranty will only be accepted if the article in question and the corresponding purchase receipt plus filled-in warranty card are presented. Warranty will not be accepted if changes or repair works have been carried out by persons who are not authorized, if the ANSCHÜTZ product is not used correctly, if unlawful modifications or manipulations have been carried out, if any knotting has been damaged or if non-ANSCHÜTZ original parts were used. Additional components must only be used if they have been checked by

ANSCHÜTZ before and if they do not impair the safety of the product.

In addition a damage to your ANSCHÜTZ product is not subject to warranty if it is due to an ignorance of this instruction leaflet or improper care or treatment. When dispatching your ANSCHÜTZ product, please follow the referring legal regulations. We wish you much pleasure and success with your ANSCHÜTZ product and would be pleased if you could let us have your ideas on our products and the design of this instruction leaflet.

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Appendix

Requirements for Compressed Air

Oxygen

The content of oxigen must be within the range of (21 +/- 1) Vol. % (dry air).

Impurities

1. General information
Compressed air for respiratory equipment must not contain impurities in a concentration which might have toxic or harmful effects. In any case there must be as little impurities as possible and they must be far below the national limit of exposition. Combined effects of more than one impurity must be considered. If there are no national restricting requirements the values of 2 to 3 must be applied.
Note: The limit concentration for every impurity should be deducted from the national limit of exposition. The influences of pressure and exposition time should be considered as much as possible.

2. Lubricants
The content of lubricants (drops or mist) must not exceed 0.5 mg/m^3. In case of synthetic lubricants 1) is to be applied.

3. Smell and taste
The air must be without significant smell or taste.

4. Content of carbon dioxide
The content of carbon dioxide must not exceed 500 ml/m^3 (500 ppm).

5. Content of carbon monoxide
The content of carbon monoxide must not exceed 15 ml/m^3 (15 ppm).

Content of water

1. There must be no liquid water.

2. The air for compressed air respirators must have a dew point which is low enough to avoid condensing and freezing. If the equipment is used and stored under a known temperature the dew point under pressure must be at least 5°C below the assummably lowest temperature. If the conditions for use and storage of the compressed air reservoir are not known, the dew point under pressure must not exceed -11°C.

3. The maximum content of water in the air at atmospheric pressure must be in line with the values of the chart.

Chart 1

Nominal pressure bar	*Max. contents of water in the air at atmospheric pressure mg/m^3*
40 - 200	*50*
> 200	*35*

Note:

The contents of water of the air which is delivered from the compressor to fill 200 bar or 300 bar compressed air containers should not exceed 25 mg/m^3.

Checks

Any suitable method is allowed as far as it corresponds to the following general requirements:

- to measure and judge the results the accuracy of the method must be considered and
- the proof limit of the applied method must be below the required limit.

Typical composition of natural air (ISO 2533)

Chart 2

Components	*Mass-% (dry air)*	*Volume-% (dry air)*
Oxygen (O_2)	*23, 14*	*20, 9476*
Nitrogen (N_2)	*75, 5*	*78, 084*
Argon (Ar)	*1, 288*	*0, 934*
Carbon dioxide (CO_2)	*0, 048*	*0, 0314*
Hydrogen (H_2)	*0, 000003*	*0, 00005*
Neon (NE)	*0, 00127*	*0, 001818*
Helium (HE)	*0, 000073*	*0, 000524*
Krypton (Kr)	*0, 00033*	*0, 000114*
Xenon (Xe)	*0, 000039*	*0, 0000087*

Labelling of the Compressed Air Cylinder

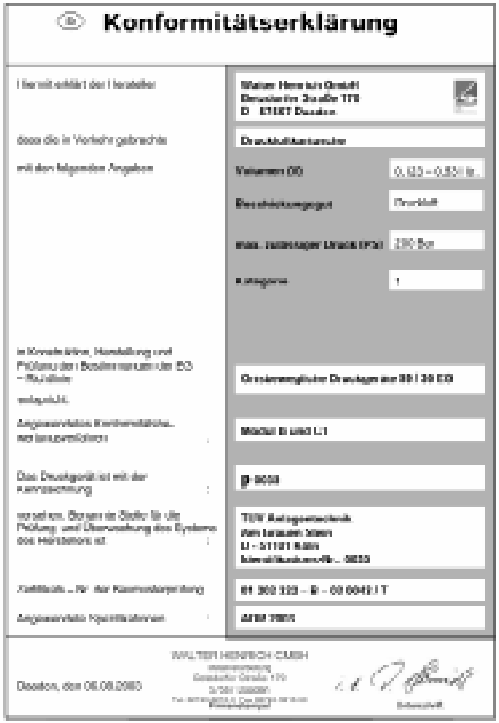
Marking:

D / ANSCHÜTZ - WALTER HENRICH GMBH / Serie No. 001234
PW 200 BAR - PH 300 BAR - 0,32 KG - UN 1002
Zul.-Nr.: 01 202 322 - B - 0043 / T - D - π 0035 - 2005 / 06 - 15
Mod. 1 / AL
READ INSTRUCTIONS BEFORE USE

Descriction:

- D:
  Country of manufacture.
- ANSCHÜTZ-WALTER HENRICH GMBH:
  Name of manufacturer.
- Serie No. 001234:
  Serial number/ counting number.
- PW 200 BAR:
  Max. allowed filling pressure at 15 °C.
- PH 300 BAR:
  Test pressure.
- 0,32 KG:
  Weight of the compressed air cylinder tube without valves.
- UN 1002:
  International sign for compressed air.
- 01 202 322 - B - 0043 / T:
  Number of admission.
- π:
  Mark of conformitiy according to rule 1999/36/EG.
- 0035:
  Number of the referring authority (TÜV Rheinland).
- 2005 / 06:
  Year of manufacture/ Month of manufacture.
- 15:
  Last two digits of the year in which the compressed air cylinder must be checked again.
- Mod. 1 / AL:
  Aluminum compressed air cylinder.
- Read INSTRUCTIONS BEFORE USE:
  General note.

Declaration of conformity of compressed air cylinder



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ANSCHÜTZ
DIE MEISTER MACHER

FABRIKATIONS-NR.:
Serial-No. / Numéro de série:

DATUM DES VERKAUFS:
Date / Date d'achat:

GEKAUFT BEI:
This item was bought from / Détaillant:

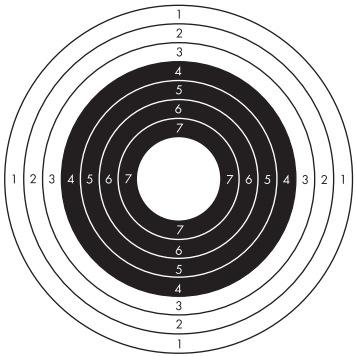
Stempel und Unterschrift des Fachhändlers
stamp of dealer / timbre du détaillant

GARANTIE • WARRANTY • GARANTIE • WARRANTY • GARANTIE • WARRANTY •

Fabr.-Nr.:
Serial No.:.....

Bitte hier eintragen · Please fill in here

Originalschussbild Ihres Gewehres 5 Schuss auf 10 m
Original group of your rifle 5 shots at 10 m



Ihr Sportgerät wurde mit mehreren Losen Munition eingeschossen. Das beiliegende Schussbild spiegelt das an diesem Tag am besten erzielte Ergebnis bei optimalsten Bedingungen wider. Wir verwenden ausschliesslich Markenmunition der Premium Qualität.

Your ANSCHÜTZ product has been testfired with several lots of ammunition. The enclosed group mirrors the best result of this day at optimum conditions. We exclusively use renowned ammunition of premium quality.

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